

Substitute for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known		
				Application Number	09/955,558	
				Filing Date	September 17, 2001	
				First Named Inventor:	Mark Greenberg	
				Art Unit	2133	
				Examiner Name	Baker, Stephen M.	
				Attorney Docket Number	004259.P050	
Sheet	1	of		2		
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
SM		US-	5,291,499 A	3/1/1994	Behrens et al.	
SM		US-	5,608,737 A	3/4/1997	Kimura, et al.	
SM		US-	5,907,586	5/25/1999	Katsuragawa, et al.	
SM		US-	6,266,687 B1	7/24/2001	Leyonhjelm, et al.	
SM		US-	6,278,725 B1	8/21/2001	Rouphael et al.	
SM		US-	6,563,889 B1	5/13/2003	Shih, et al.	
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^o
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)				
SM		WO 00/74264	A1	12/7/2000	Martone, Massimiliano		
SM		WO 01/59937	A2	8/16/2001	Qualcomm Inc.		

Examiner Signature		Date Considered	2/17/06
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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				Examiner Name	Baker, Stephen M.	
Sheet	2	of	2	Attorney Docket Number		004259.P050
NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published				T ²
SWB		JAMES TSUI, "Frequency Channelization, Digital Techniques for Wideband Receivers," Second Edition, Pages 363-396, 2001 Artech House, Inc., Norwood, MA				RECEIVED AUG 17 2004 Technology Center 2100
SWB		ZHENGDAO WANG and GEORGIOS B. GIANNAKIS, "Wireless Multicarrier Communications where Fourier Meets Shannon," Department of ECE, University of Minnesota, Minneapolis, MN., Pages 1-21.				
SWB		E. VERRIEST, ISEN, "Implementing an Adaptive Noise Canceling System to Enhance Sonar Receiver Performance Using the TMS320C31 DSP," ESIEE, Paris, September 1996, Texas Instruments, Pages 1-24.				
SWB		G.A. SHAW, R.A. FORD, J.C. ANDERSON, B.W. ZUERDNORFER, A.H. ANDERSON, "RASSP Benchmark 2 Technical Description," Massachusetts Institute Of Technology Lincoln Library, 153 pages total.				
SWB		MARIE-LAURE BOUCHERET, IVAR MORTENSEN and HENRI FAVARO, "Fast Convolution Filter Banks For Satellite Payloads with On-Board Processing," IEEE Journal On Selected Areas In Communications, Vol. 17, No. 2, February 1999, pp. 238-247.				
SWB		W.H. YIM and F.P. COAKLEY, "On-Board Processing For KA-Band Applications", University of Surrey, UK, Publication Date, February 11, 1993., XP 000458011, pp. 225-229.				
		HASHIDA MITSUYOSHI, "Hierarchical Network Management System and Control Method for Network Management Information," Patent Abstracts of Japan, Publication No. 07226777				

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